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July 16, 2003

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attorney Docket No.: 004-8515

19587 U.S. PTO  
10/620747  
07/16/03

Transmitted herewith for filing is a patent application as follows:

Inventor(s): Mark S. Moir, Victor Luchangco and Maurice Herlihy  
Title: OBSTRUCTION-FREE MECHANISM FOR ATOMIC UPDATE OF  
MULTIPLE NON-CONTIGUOUS LOCATIONS IN SHARED MEMORY  
Assignee: Sun Microsystems, Inc.

Enclosed are:

- ☒ Application Data Sheet (3 page(s))
- ☐ Request and Certification under 35 U.S.C. 122(b)(2)(B)(i) (\_\_\_\_ page(s))
- 27 Pages of Written Description (including Specification, Claims and Abstract)
- 3 Sheets of Drawings, X Formal / \_\_\_\_ Informal
- ☒ Declaration for Patent Application (2 pages), X Executed / \_\_\_\_ Unexecuted
- ☒ Assignment of the Invention (3 pages, including Cover Sheet)
- ☐ Information Disclosure Statement (\_\_\_\_ pages)
  - ☐ with Form(s) PTO 1449 (\_\_\_\_ page(s)) and copies of \_\_\_\_ reference(s)
- ☒ Other: Check in the amount of \$1660.00
- ☒ This Transmittal Letter (in duplicate) (1 page(s)) ☒ Return Postcard

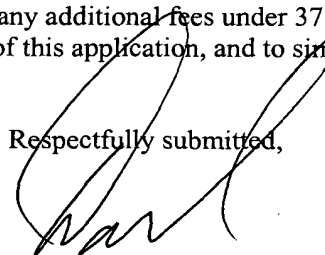
CLAIMS AS FILED

	Number Filed	Number Extra	Rate	Fee
Basic Fee =				750.00
Total Claims	59 - 20	= 39	x \$18.00 =	702.00
Independent Claims	5 - 3	= 2	x \$84.00 =	168.00
Multiple Dependent Claims (if any) - \$280.00 fee				
Other: Recordation of Assignment				40.00
TOTAL FILING FEE				\$1,660.00

- ☐ Small entity status is entitled to be asserted for the application.
- ☒ A check is enclosed for the Total Filing Fee shown above.
- ☐ Please charge the Total Filing Fee shown above to Deposit Account 50-0631.
- ☒ The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. § 1.16 or 1.17 that may be required during the pendency of this application, and to similarly credit any overpayment, to Deposit Account 50-0631.

EXPRESS MAIL LABEL NO.  
EV 335 379 397 US

Respectfully submitted,

  
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